

Abstract

Wave power plant consisting of frame carrying at least two paddles unit, capable of moving successively in series, when driven by progressive waves and returning by the gravitation power and the backward wave's force. The plant has an appropriate means with at least one crankshaft mechanism for transferring the successive motion of paddle units in two ways into electric energy. Each of the paddles units have a rod, to be submerged into the sea and which is secured on the frame with possibility for pivoting with respect thereof, the lower extremity of the rod is terminated by a paddle plate and the paddles units are arranged around the frame in series. The energy consumed successfully by each paddle unit is equal to the energy of the paddle's movement forward from the forward wave's force plus the energy of the paddle's movement backward from the backward wave's force and the paddle's gravity. The plant's energy is consumed, in at least one hydraulic engine, which rotate generators.